

ABSTRACT OF THE DISCLOSURE

-- Tableware of Ti or a Ti alloy having a surface hardened layer comprising a first hardened layer in which nitrogen and oxygen are diffused so as to form a solid solution and a second hardened layer which is formed in a region deeper than the first hardened layer. The substrate may have a hard decorative coating film. A substrate comprising Ti or a Ti alloy has on its surface an internal hardened layer comprising a first hardened layer and a second hardened layer, wherein the hard decorative coating film is formed on the surface of the internal hardened layer. The cutlery comprises a working part and a grip, the grip provided with a floating means such as a hollow part. Titanium tableware having excellent long-term mar resistance and high quality appearance, increasing the decorative value of the tableware. Further, a process for surface treatment to obtain the titanium tableware with high productivity and a substrate having a hard decorative coating film with excellent mar resistance and high surface hardness. The cutlery is lightweight, mar-resistant and can be easily handled. --